

Human G CSF Recombinant Protein



RPPB0320

Product Information Protein Information

Product SKU:

RPPB0320

Accession:

P09919

Host:

HEK.

Protein description:

G-CSF Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 21-25kDa due to glycosylation. The G-CSF is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CSF-3, MGI-1G, GM-CSF beta, Pluripoietin, Filgrastim, Lenograstim, G-CSF, MGC45931, GCSF.

Formulation:

The G-CSF was lyophilized from 1mg/ml in 1xPBS.

Purity:

Greater than 95% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized G-CSF in sterile 1xPBS containing 0.1% endotoxin-free recombinant HSA.

Stability:

Lyophilized G-CSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution G-CSF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The specific activity was determined by the dose-dependent stimulation of the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line), the ED50 is <0.01ng/ml.